



Update _2_0_136

Clinical Reminders

VA-COVID-19 CPRS STATUS VERSION 3 Install Guide

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Product Development
Office of Information Technology
Department of Veterans Affairs

Table of Contents

INTRODUCTION	1
INSTALL DETAILS	4
INSTALL EXAMPLE.....	4
POST INSTALLATION.....	8

Introduction

DESCRIPTION:

The Banner messages were updated.

CPRS COVID-19 Status Indicator Banner Overview

Version 3

The COVID-19 Status Indicator in CPRS displays these statuses:

COVID-19	POSITIVE	*
COVID-19	Clinically POSITIVE	*
COVID-19	Pending	*
COVID-19	Negative Test	
COVID-19	Prior Positive	
COVID-19	Resolved	
Clinically		
COVID-19	Testing Completed - see Labs	
COVID-19	Not Tested	

Note: "Recovered" status is removed in v3. Most of these patients will now be in the "Prior Positive" status with a date of their prior positive test

* For each of the 3 status listed above with a *, additional information on the most recent: pending and active lab orders, outside specimens collected or resulted, and negative lab results will display to the far right of the banner with a date. (There is one minor exception to this rule below #). For example, for a patient with a status of Clinically Positive with a pending order:

COVID-19	Clinically POSITIVE	Test pending collection: Apr 28, 2020
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These are the 4 options for text that may display on the right side of the banner:

Test:
Test collected, results pending:
Test pending collection:
Negative test:

The major statuses show in the center and the far-right side of the banner shows some additional information when available - the lab test and other date options for each status.

COVID-19 POSITIVE

Displays when:

- Patient has a positive lab test in the past 14 days
- Patient has a single negative test following a positive lab test in the past 14 days
- Patient has a pending order for a new test following a positive lab test in the past 14 days
- Patient has a single negative outside lab test following a positive lab test in the past 14 days

Note: 14 days after a positive test, all patients with a prior positive will be automatically moved to the Prior Positive status with a display that shows the date of the last positive test.

COVID-19 Clinically POSITIVE

Displays when:

- Patient has a health factor VA-COVID-19 SUSPECTED or an entry on the problem list of a SNOMED code diagnosis for COVID-19 in the past 14 days and does not have a more recent entry indicating that COVID-19 disease is no longer suspected.

- # - A slightly different format for the banner is used if an entry of clinically positive is made after a negative test in the past 14 days. In that case, the date of the entry of Clinically Positive is displayed and the Clinically positive and the negative lab test text is reversed:

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- COVID-19 Recent Negative Test Clinically POSITIVE: {date of clinically positive}

Note: 14 days after the most recent status of Clinically POSITIVE is triggered, patients will be automatically moved to whatever status is appropriate based on prior testing. An entry of Clinically POSITIVE expires after 14 days. To move a patient out of this status sooner than 14 days, use a template to enter a data element (health factor) for VA-COVID-19 NO LONGER SUSPECTED.

COVID-19 Pending

Displays when:

- Patient has an order for a lab test and does not have a prior positive lab test and has no entry indicating Clinically POSITIVE in the past 14 days or RECOVERED
- Patient has an outside order for a lab test and no prior positive and no indication of Clinically POSITIVE in the past 14 days or RECOVERED and is more recent than any negative test

Note: Lab orders are used to assess status only for 7 days, if no results are entered, the status will revert to whatever is most appropriate based on prior testing. Outside lab specimen collection is evaluated for 30 days and then also expires.

COVID-19 Negative Test

Displays when:

- Patient has a negative lab test and no previous positive result and no more recent pending lab test order and has not been designated as Clinically Positive in the past 14 days

COVID-19 Prior Positive

Displays when:

- Patient has a prior positive lab test over 14 days old – *this is the most common status that will display for all patients with a prior positive test.*
- Patient has a prior positive lab test in the past 14 days and 2 negative results after the positive and the 2 results are at least one day apart

COVID-19 Resolved Clinically

Displays when:

- Patient has an entry of a HF that indicates that the patient has recovered VA-COVID-19 RESOLVED and has either:
 - o No prior positive test
 - o A positive test in the past 2 weeks and the RESOLVED health factor is more recent than the positive test.

COVID-19 Testing Completed - see Labs

Displays when:

- Patient has a lab test completed but the result was neither positive nor negative and there is no more recent lab test pending and they are not Clinically POSITIVE. (*Most recent lab test was resulted with a comment or invalid/inconclusive or local mapping has an incorrect condition.*)

COVID-19 Not Tested

Displays when:

- Patient has no COVID-19 PCR lab test results, no COVID-19 PCR lab test orders and no COVID health factor indicating suspicion of COVID-19 and no diagnosis of COVID-19 in the past 14 days

COVID-19 Status unknown- see labs/notes

Displays when :

- no other status applies.

If the patient is deceased the banner will indicate the patient is deceased and the date.

UPDATE_2_0_136 contains 1 Reminder Exchange entry:

UPDATE_2_0_136 VA-COVID-19 CPRS STATUS VERSION 3

The exchange file contains the following components:

HEALTH FACTORS

VA-REMINDER UPDATES
VA-UPDATE_2_0_136
VA-COVID-19
VA-COVID-19 NO LONGER SUSPECTED
VA-COVID-19 INCORRECT PRIOR POSITIVE PCR
VA-COVID-19 PCR LAB OUTSIDE POSITIVE
VA-COVID-19 OUTSIDE PCR SPEC COLLECTED
VA-COVID-19 RESOLVED
VA-COVID-19 SUSPECTED
VA-COVID-19 PCR LAB OUTSIDE NEGATIVE

REMINDER TAXONOMY

VA-COVID-19 SNOMED CODES

REMINDER TERM

VA-REMINDER UPDATE_2_0_136
VA-COVID-19 NO LONGER PRESUMED
VA-COVID-19 PCR LAB ORDERS
VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT
VA-COVID-19 PCR LAB RESULTS POSITIVE
VA-COVID-19 OUTSIDE PCR LAB POSITIVE
VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED
VA-COVID-19 RECOVERED
VA-COVID-19 PRESUMED
VA-COVID-19 OUTSIDE PCR LAB NEGATIVE
VA-COVID-19 PCR LAB RESULTS NEGATIVE

REMINDER DEFINITION

VA-COVID-19 CPRS STATUS

Pre-Install

Using the Vista menu option, Reminder Manager, Reminder Definition Manager, Reminder Inquiry, print your reminder definition VA-COVID-19 CPRS STATUS for reviewing on terms post install.

Install Details

This update is being distributed as a mailman message. you will have a vista mail message with subject of UPDATE 136.

Installation:

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This update can be loaded with users on the system. Installation will take less than 10 minutes.

Install Example

To load the mailman message. Navigate to reminder exchange in Vista, choose load mailman message, you should load the mailman message labeled UPDATE 136.

You should see a message at the top of your screen that the file successfully loaded.

Search and locate an entry titled UPDATE_2_0_136 VA-COVID-19 CPRS STATUS VERSION 3 in reminder exchange.

+Item	Entry	Source	Date Packed
154	UPDATE_2_0_136 VA-COVID-19 CPRS STATUS VERSION 3	GRIFFITH@SALT LAKE CI	04/27/2020@10:32
155	UPDATE_2_0_14 VA-HPV IMMUNIZAT ION	FAHNER@SALT LAKE CI	12/20/2016@11:11
156	UPDATE_2_0_15 VA-LIPID STATIN RX CVD/DM	GRIFFITH@SALT LAKE CI	02/01/2019@07:19
157	UPDATE_2_0_16 VA-WH MAMMOGRAM SCREENING	GRIFFITH@SALT LAKE CI	09/15/2017@05:59
158	UPDATE_2_0_17 VA-WH PRECONCEPT ION CARE	GRIFFITH@SALT LAKE CI	11/14/2016@08:43
+ + Next Screen - Prev Screen ?? More Actions >>>			
CFE	Create Exchange File Entry	LHF	Load Host File
CHF	Create Host File	LMM	Load MailMan Message
CMM	Create MailMan Message	LR	List Reminder Definitions
DFE	Delete Exchange File Entry	LWH	Load Web Host File
IFE	Install Exchange File Entry	RI	Reminder Definition Inquiry
IH	Installation History	RP	Repack
Select Action: Next Screen// IFE Install Exchange File Entry			
Enter a list or range of numbers (1-384): 154			

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry

Enter the number that corresponds with your entry **UPDATE_2_0_136 VA-COVID-19 CPRS STATUS VERSION 3** (in this example it is entry 154 it will vary by site). The date of the exchange file should be 04/27/2020.

Component	Category	Exists
Source: GRIFFITH,ELIZABETH A at SALT LAKE CITY		
Date Packed: 04/27/2020@10:32:35		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_136		
REMINDER DEFINITION		
VA-COVID-19 CPRS STATUS		
Keywords:		
Components:		
+ Enter ?? for more actions >>>		
IA	Install all Components	IS Install Selected Component
Select Action: Next Screen// IA		

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

Select Action: Next Screen// **IA Install all Components**

Please follow the following install instructions closely, if you are prompted to overwrite anything Not specified – please choose S to skip.

HEALTH FACTORS entry named VA-REMINDER UPDATES already exists
and the packed component is identical, skipping.

HEALTH FACTORS entry VA-UPDATE_2_0_136 is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH FACTORS entry named VA-COVID-19 already exists
and the packed component is identical, skipping.

HEALTH FACTORS entry VA-COVID-19 NO LONGER SUSPECTED is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH FACTORS entry VA-COVID-19 INCORRECT PRIOR POSITIVE PCR is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH FACTORS entry named VA-COVID-19 PCR LAB OUTSIDE POSITIVE already exists and the packed component is identical, skipping.
HEALTH FACTORS entry VA-COVID-19 OUTSIDE PCR SPEC COLLECTED is NEW, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

HEALTH FACTORS entry named VA-COVID-19 RESOLVED already exists and the packed component is identical, skipping.
HEALTH FACTORS entry named VA-COVID-19 SUSPECTED already exists and the packed component is identical, skipping.
HEALTH FACTORS entry named VA-COVID-19 PCR LAB OUTSIDE NEGATIVE already exists and the packed component is identical, skipping.
REMINDER TAXONOMY entry VA-COVID-19 SNOMED CODES is NEW, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

REMINDER TERM entry VA-REMINDER UPDATE_2_0_136 is NEW, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

REMINDER TERM entry VA-COVID-19 NO LONGER PRESUMED is NEW, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

REMINDER TERM entry named VA-COVID-19 PCR LAB ORDERS already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- M Merge findings
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// Merge findings.**

REMINDER TERM entry VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

REMINDER TERM entry named VA-COVID-19 PCR LAB RESULTS POSITIVE
already exists but the packed component is different, what do you
want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- M Merge findings
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// Merge findings.**

REMINDER TERM entry VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED is NEW,
what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- I Install
- Q Quit the install
- S Skip, do not install this entry

Enter response: **I// nstall**

REMINDER TERM entry named VA-COVID-19 PRESUMED already exists but the
packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- M Merge findings
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// verwrite the current entry**

Are you sure you want to overwrite? N// **YES.**

REMINDER TERM entry named VA-COVID-19 PCR LAB RESULTS NEGATIVE
already exists but the packed component is different, what do you
want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- M Merge findings
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// Merge findings**

REMINDER DEFINITION entry named VA-COVID-19 CPRS STATUS already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// overwrite the current entry**

Are you sure you want to overwrite? **N// YES**

Component	Category	Exists
Source: GRIFFITH,ELIZABETH A at SALT LAKE CITY		
Date Packed: 04/27/2020@10:32:35		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_136		
REMINDER DEFINITION		
VA-COVID-19 CPRS STATUS		
Keywords:		
Components:		
+ + Next Screen - Prev Screen ?? More Actions >>>		
IA Install all Components	IS Install Selected Component	
Select Action: Next Screen// Q		

You will then be returned to this screen. At the Select Action prompt, type **Q**.

Install complete.

Post Installation

Review the reminder definition VA-COVID-19 CPRS STATUS and confirm the local finding items that were mapped to the following terms are still mapped:

VA-COVID-19 PCR LAB RESULTS POSITIVE

After install, confirm that all local COVID-19 PCR tests are included; add any that are needed or remove any that are not appropriate. **Do not include any COVID-19 antibody lab tests.**

VA-COVID-19 PCR LAB RESULTS NEGATIVE

After install, confirm that all local COVID-19 PCR tests are included; add any that are needed or remove any that are not appropriate. **Do not include any COVID-19 antibody lab tests.**

VA-COVID-19 PCR LAB ORDERS

After install, confirm that all local COVID-19 PCR orderable items are included; add any that are needed or remove any that are not appropriate. The finding type for this term should be OI for orderable item. **Do not map LT or Lab test findings to this term**

***NOTE:** If there are any questions or problems during the installation, please notify your local IT support to log a national help desk ticket or contact the VA Service Desk and have them submit a national ticket to:*

Category: Affected Service

Affected Service: VistA – CPRS: Clinical Reminders

Assignment Group: NTL SUP Clin 2